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J1017 U.S. PRO
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03-13-01
IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

A

PATENT APPLICATION

INVENTOR(S) Khalil C. Haddad

CASE 1

TITLE SHORTENING IMPULSE RESPONSE FILTER
(SIRF) AND DESIGN TECHNIQUE THEREFOR

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Specification
9 Sheets of informal drawing(s)
Declaration and Power of Attorney
Assignment with Cover Sheet

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	28 -20 =	8	X \$18 =	\$144
Independent Claims	3 - 3 =	0	X \$80 =	\$ 0
Multiple Dependent Claim(s), if applicable			\$260 =	\$ 0
Basic Fee				\$710
			TOTAL FEE:	\$854

Please file the application and charge **Agere Systems Inc. Deposit Account No. 50-1735** the amount of \$854, to cover the filing fee. *Duplicate copies of this letter are enclosed.* In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-1735** as required to correct the error.

Please address all correspondence to: Ryan, Mason & Lewis, LLP, 1300 Post Road, Suite 205, Fairfield, CT 06430. Telephone calls should be made to the under-signed attorney at (203) 255-6560.

Respectfully,

Kevin M. Mason

Date: March 12, 2001

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